

**INTERNATIONAL SEARCH REPORT**

International Application No PCT/EP2004/002001	
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<b>A. CLASSIFICATION OF SUBJECT MATTER</b>
IPC 7 G05B19/418 G05B19/042

According to International Patent Classification (IPC) or to both national classification and IPC
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<b>B. FIELDS SEARCHED</b>
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Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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EPO-Internal
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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>
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Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 196 24 929 A (SIEMENS AG) 2 January 1998 (1998-01-02) column 1, line 62 – column 4, line 33 figures 1-3	1,3,5,6, 8,9
Y	DE 195 02 499 A (PEPPERL & FUCHS) 1 August 1996 (1996-08-01) page 2, line 45 – page 3, line 43; claim 1; figures 1,2	2,4,7,10
Y	DE 101 61 669 A (BOSCH GMBH ROBERT) 26 June 2003 (2003-06-26) paragraph '0010!; figure 1	4
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search	Date of mailing of the international search report
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25 October 2004	03/11/2004
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Name and mailing address of the ISA	Authorized officer
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International Application No  
PCT/EP2004/002001

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 102 17 646 A (ENDRESS & HAUSER GMBH & CO KG) 6 November 2003 (2003-11-06) paragraphs '0012!, '0016! - '0023! paragraphs '0033! - '0035!, '0040! - '0043! paragraphs '0051! - '0054!; figures 1,2	7,10
A		1-6,8,9
A	DE 199 10 426 A (RENNER PETER) 5 October 2000 (2000-10-05) column 1, line 38 - column 2, line 14 column 3, line 5 - line 51; figure 2	1-10
A	WO 03/049366 A (FLAEMIG HARTMUT ; SIEMENS AG (DE)) 12 June 2003 (2003-06-12) page 1, line 27 - page 2, line 20 page 3, line 7 - line 9 page 4, line 32 - page 6, line 29; figures 1-3	1-10
A	EP 1 184 754 A (BOTTERO SPA) 6 March 2002 (2002-03-06) paragraphs '0018!, '0024!; figure 3	1,9

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No	
PCT/EP2004/002001	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19624929	A	02-01-1998	DE AT WO DE EP US	19624929 A1 268017 T 9750025 A1 59711670 D1 0906596 A1 6473656 B1		02-01-1998 15-06-2004 31-12-1997 01-07-2004 07-04-1999 29-10-2002
DE 19502499	A	01-08-1996	DE	19502499 A1		01-08-1996
DE 10161669	A	26-06-2003	DE JP US	10161669 A1 2003195913 A 2003229402 A1		26-06-2003 11-07-2003 11-12-2003
DE 10217646	A	06-11-2003	DE	10217646 A1		06-11-2003
DE 19910426	A	05-10-2000	DE	19910426 A1		05-10-2000
WO 03049366	A	12-06-2003	DE WO	10158745 A1 03049366 A2		26-06-2003 12-06-2003
EP 1184754	A	06-03-2002	IT EP US	T020000793 A1 1184754 A2 2002052669 A1		08-02-2002 06-03-2002 02-05-2002

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